SECTION 1

BASIC FUNCTIONS

Basic information before operation

Initial screen



1U5022L

GS460/GS350:
When the "ENGINE START STOP" switch is in ACCESSORY or IGNITION ON mode, the initial screen will be displayed and the system will begin operating.

GS450h:
When the "POWER" switch is in ACCESSORY or ON mode, the initial screen will be displayed and the system will begin operating.

CAUTION

When the vehicle is stopped with the engine running or the hybrid system operating, always apply the parking brake for safety.

After a few seconds, the "CAUTION" screen will be displayed.



0U5701L

After about 5 seconds, the "CAUTION" screen automatically switches to the map screen. When the **"MAP/VOICE"** button is also pushed, the map screen is displayed.

While the "CAUTION" screen is displayed, the **"DEST"**or **"MENU"** button cannot be operated. And if the **"Language"**, **"Calendar"** or **"Maintenance"** buttons on the "Information" screen are touched, the screen will change back to "CAUTION" screen and then change to the map screen in about 5 seconds later or if the **"MAP/VOICE"** button is pushed.

- **Maintenance information**

This system informs about when to replace certain parts or components and shows dealer information (if registered) on the screen.

When the vehicle reaches a previously set driving distance or date specified for a scheduled maintenance check, the "Information" screen will be displayed when the navigation system is in operation.



1U5024L

To disable this screen, touch "Do Not Display This Message Again.". This screen goes off if the screen is not operated for several seconds.

To prevent this information screen from being displayed again, touch **"Do Not Display This Message Again."**.

To register "Maintenance information", see "Maintenance information" on page 118.

- **Memo information**

This system notifies about a memo entry. At the specified date, the memo information will be displayed when the navigation system is in operation. The memo information screen will be displayed every time the system is turned on.



1U5702L

The memo of the current date can be viewed by touching "Memo". (See " — Editing a memo" on page 125.)

To disable this screen, touch "Do Not Display This Message Again.". This screen goes off if the screen is not operated for several seconds.

To prevent this information screen from being displayed again, touch **"Do Not Display This Message Again."**.

To register "Memo information", see "Calendar with memo" on page 122.

Touch screen operation

This system is operated mainly by the touch–screen buttons on the screen.

To prevent damage to the screen, lightly touch buttons on the screen with the finger. When a button on the screen is touched, a beep sounds.

Do not use objects other than the finger to touch the screen.

INFORMATION

- ***If the system does not respond to a touch on a touch–screen button, move the finger away from the screen and then touch it again.***
- ***Dimmed touch–screen buttons cannot be operated.***
- ***Wipe off fingerprints using a glass cleaning cloth. Do not use chemical cleaners to clean the touch screen.***
- ***The displayed image may become darker and moving images may be slightly distorted when the display is cold.***
- ***Under extremely cold conditions, the map may not be displayed and the data input by a user may be deleted. Also, the touch–screen buttons may be harder than usual to depress.***
- ***When you look at the screen through polarized material such as polarized sunglasses, the screen may be dark and hard to see. If so, look at the screen from different angles, adjust the screen settings on the "Display" screen, or take off your sunglasses.***

Inputting letters and numbers/List screen operation

When searching for an address or a name, or entering a memo, letters and numbers can be input via the touch screen.

INFORMATION

Keyboard layout can be changed. (See page 108.)

- **To input letters**

To display the alphabet keys, touch **"A–Z"** or **"À–Ý"**.



1U5001L

Enter letters by touching the alphabet keys directly.

 : Touching this button erases one letter. By holding this button, letters will continue to be erased.

On certain letter entry screens, letters can be entered in upper or lower case.



1U5026L

 : To enter in lower case.

 : To enter in upper case.

- **To input numbers and symbols**

To display the number keys and symbol keys, touch **"0–9"**.



1U5002L

Enter numbers and symbols by touching the number keys and symbol keys directly.

 : Touching this button erases one letter. By holding this button, letters will continue to be erased.

  : Touching this button displays other symbols.

- **To display the list**



1U5044aL

To search for an address or a name, touch **"List"**. Matching items from the database are listed even if the entered address or name is incomplete.

If the number of matches is four or less, the list is displayed without touching **"List"**.



1U5003aL

INFORMATION

The number of matching items is shown to the right side of the screen. If the number of matching items is more than 9,999, the system displays "*" on the screen.***

- **List screen operation**

When a list is displayed, use the appropriate button to scroll through the list.



1U5003aL

 To shift to the next or previous page.

 To scroll up or down one item at a time.

 This expresses a displayed screen position.

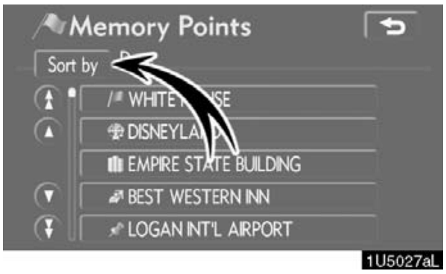
 If  appears to the right of the item name, the complete name is too long for the display. Touch  to scroll to the end of the name.

Touch  to scroll to the beginning of the name.

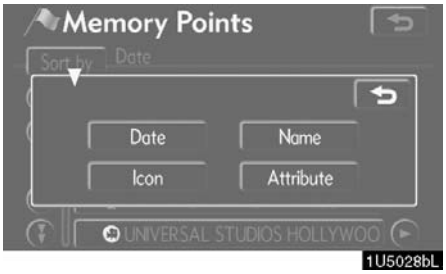
- **Sorting**

The order of a list displayed on the screen can be rearranged.

TYPE A



1. Touch "Sort by".



2. Select the desired sorting criteria.

Sorting criteria are as follows:

"Distance": To sort in the order of distance from your current location.

"Date": To sort in the order of the date.

"Category": To sort in the order of the category.

"Icon": To sort in the order of the icons.

"Name": To sort in order by name.

"Attribute": To sort in order by attribute.

TYPE B



"Dist. Sort": To sort in the order of distance from the current vehicle location. The distance from current vehicle position up to the destination is displayed to the right of the name.

"Name Sort": To sort in alphabetical order by name.

Function help

Explanations for the functions of the "Destination", "Setup" and "Menu" screens can be viewed.



1U5063L

Touch ?.



1U5064L

[up arrow icon]: To view the previous page.

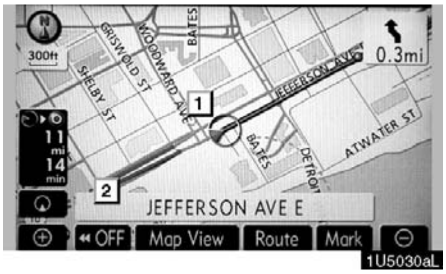
[down arrow icon]: To view the next page.

[return icon]: To return to the previous screen.

Map screen operation — — Current position display

When starting the navigation system, the current position is displayed first.

This screen displays the current vehicle position and a map of the surrounding local area.



1U5030aL

The current vehicle position mark (1) appears in the center or bottom center of the map screen.

A street name will appear on the bottom of the screen, depending on the scale of the map (2).

You can return to this map screen that shows your current position at any time from any screen by pushing the **"MAP/ VOICE"** button.

While driving, the current vehicle position mark is fixed on the screen and the map moves.

The current position is automatically set as the vehicle receives signals from the GPS (Global Positioning System). If the current position is not correct, it is automatically corrected after the vehicle receives signals from the GPS.

INFORMATION

- ***After battery disconnection, or on a new vehicle, the current position may not be correct. As soon as the system receives signals from the GPS, the correct current position is displayed.***
- ***To correct the current position manually, see page 114.***

— Screen scroll operation (one−touch scroll)

When any point on the map is touched, that point moves to the center of the screen and is shown by the cursor mark (1).



Use the scroll feature to move the desired point to the center of the screen for looking at a point on the map that is different from the current position of the vehicle.

If the finger is continuously held on the screen, the map will continue scrolling in that direction until the finger is removed.

A street name, city name, etc. of the touched point will be shown, depending on the scale of the map (2). Distance from the current position to ⌖ will also be shown (3).

After the screen is scrolled, the map remains centered at the selected location until another function is activated. The current vehicle position mark will continue to move along your actual route and may move off the screen. When the **“MAP/ VOICE”** button is pushed, the current vehicle position mark returns to the center of the screen and the map moves as the vehicle proceeds along the designated route.

INFORMATION
When the one−touch scroll feature is used, the current vehicle position mark may disappear from the screen. Move the map with a one−touch scroll again or push the “MAP/VOICE” button to return to the current vehicle position map location display.

- **To set the cursor position as a destination**

A specific point on the map can be set as a destination using the one−touch scroll function.



Touch “Enter ⦿”.

The screen changes and displays the map location of the selected destination and the route preference. (See “Starting route guidance” on page 61.)

- **To register the cursor position as a memory point**

Memory point registration enables easy access to a specific point.



Touch “Mark”.

When you touch **“Mark”**, the following screen appears for a few seconds, and then the map screen returns.



The registered point is shown by  on the map.

To change the icon or name, etc., see “ — Editing memory points” on page 95.

Up to 106 memory points can be registered. If there is an attempt to register more than 106, a message appears for confirmation.



- **To see information about the icon where the cursor is set**



To display information about an icon, set the cursor on it.

POI INFORMATION

When the cursor is set on a POI icon, the name and **"Info."** are displayed on the top of the screen.



Touch "Info.".



Information such as the name, address, and phone number are displayed.

If **"Enter ⦿"** is touched, the position of the cursor is set as a destination.

If there is already a set destination, **"Add to ⦿"** and **"Replace ⦿"** are displayed.

"Add to ⦿": To add a destination.

"Replace ⦿": To delete the existing destinations and set a new one.

To register this POI as a memory point, touch **"Mark"**. (See page 94.)

If [phone icon] is touched, the registered telephone number can be called.

INFORMATION

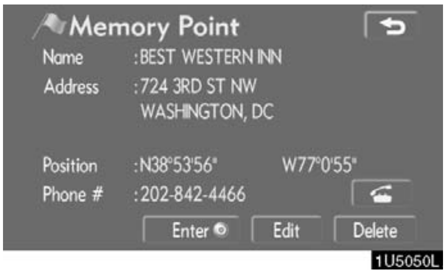
The desired Point of Interest can be displayed on the map screen. (See " — Display POI icons" on page 78.)

MEMORY POINT INFORMATION

When the cursor is set on a memory point icon, the name and **"Info."** are displayed on the top of the screen.



Touch "Info.".



Information such as the name, address, and phone number are displayed.

If **"Enter ⦿"** is touched, the position of the cursor is set as a destination.

If there is already a set destination, **"Add to ⦿"** and **"Replace ⦿"** are displayed.

"Add to ⦿": To add a destination.

"Replace ⦿": To delete the existing destinations and set a new one.

To edit a memory point, touch **"Edit"**. (See " — Editing memory points" on page 95.)

To delete a memory point, touch **"Delete"**.

If is touched, the registered telephone number can be called.

DESTINATION INFORMATION

When the cursor is set on a destination icon, the name and **"Info."** are displayed on the top of the screen.



Touch "Info.".



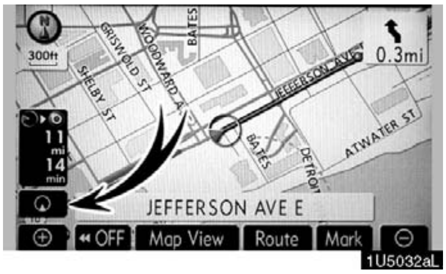
Information such as the name, address, and phone number are displayed.

To delete a destination, touch **"Delete"**.

If is touched, the registered telephone number can be called.

— Switching the screens

Any one of the screen configurations can be selected .



1U5032aL

1. Touch this button to display the following screen.



1U5065L

2. To select the desired screen configuration, touch one of the following buttons.

Depending on the conditions, certain screen configuration buttons cannot be selected.

: To display the single map screen. (See page 34.)

: To display the dual map screen. (See page 34.)

: To display the compass mode screen. (See page 35.)

: To display the turn list screen. (See page 68.)

: To display the arrow screen. (See page 68.)

: To display the freeway information screen. (See page 66.)

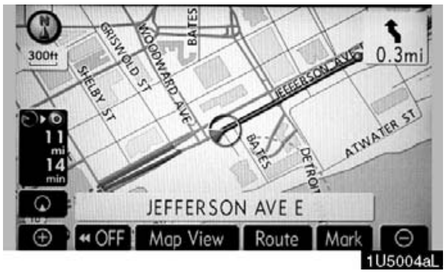
: To display the intersection guidance screen or the guidance screen on the freeway. (See page 67.)

- **Screen configurations**

SINGLE MAP

This is a regular map screen.

While on a different screen, touching will display the single map screen.



The screen shows the single map.

DUAL MAP

A map can be displayed split in two.

While on a different screen, touching will display the dual map screen.



The screen shows the dual map. The map on the left is the main map.

The right side map can be edited.

Touch the right side map to display the edit screen.



This screen can perform the following procedures:

1. Changing the map scale
2. Displaying the POI icon
3. Changing the orientation of the map

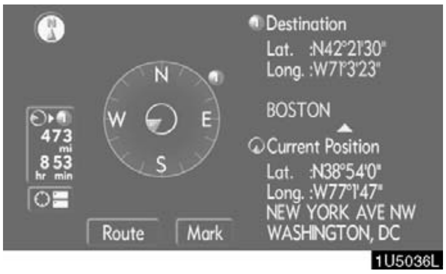
Touch "OK" when you complete editing.

The screen returns to the dual map screen.

COMPASS MODE

Current vehicle position is indicated with a compass, not with a map.

While on a different screen, touching will display the compass mode screen.



1U5036L

Information about the destination and current position, as well as a compass, is displayed on the screen.

The destination mark is displayed in the direction of the destination. When driving refer to the longitude and latitude coordinates, and the compass, to make sure that your vehicle is headed in the direction of the destination.

INFORMATION

When the vehicle travels out of the coverage area, the guidance screen changes to the compass mode screen.

— Map scale



1U5018aL

Touch or to change the scale of the map display. The scale bar and indicator at the bottom of the screen indicates the map scale menu. The scale range is 150 feet (50 m) to 250 miles (400 km).

Touch or until the scale bar changes. By continuing to touch the button, the scale bar changes smoothly.

The scale of the map display can be changed by touching the scale bar directly. It is not available while driving.

The map scale is displayed under the north−up symbol or heading−up symbol at the top left of the screen.

INFORMATION

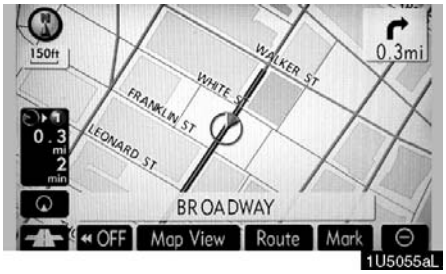
When the map scale is at the maximum range of 250 miles (400 km), is not shown. When the map scale is at the minimum range of 150 feet (50 m), is not shown. In areas where the foot print map is available the map scale changes from to when at the minimum range.

Foot print map

For the area which is covered by the foot print map (Some areas in the following cities: Detroit, Chicago, N.Y., L.A), you can switch to the foot print map on a scale of 75 feet (25 m).

- **To switch to the foot print map**

changes into when the map is scaled down to 150 feet (50 m).



To display the foot print map, touch .

To delete the foot print map display, touch .

INFORMATION
- *If the map or the current position is moved to the area which is not covered by the foot print map, the screen scale automatically changes to 150 feet (50 m).* - *On the foot print map, a one way street is displayed by .* - *It is not possible to perform scrolling on the foot print map (one−touch scroll) while driving.*

- **To display building information**

Information is available only for buildings for which information is recorded on the map disc.



1. Touch “Info.” while the foot print map is displayed.

If the map is displayed by a split screen, the map will change into a single map display.



2. Using the eight−direction arrow, move the cursor to the position of the building to display building information.

3. Touch “Building Info.”.



1U5058L

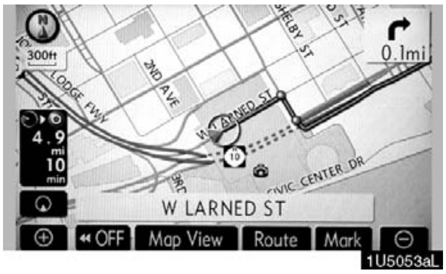
Details of POIs in some buildings may be displayed.

For detailed POI information, touch the building name. You can see details of the selected POIs.

— Orientation of the map

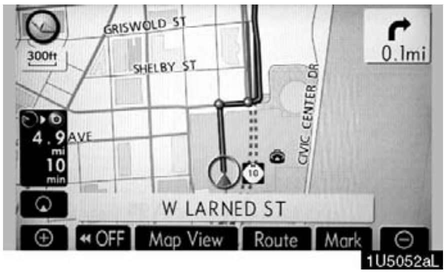
The orientation of the map can be changed from North−up to Heading−up by touching the orientation symbol at the top left of the screen.

Touch  **or** **.**



1U5053aL

▶ **North−up screen**



1U5052aL

▶ **Heading−up screen**

 **North−up symbol**

Regardless of the direction of vehicle travel, North is always up.

 **Heading−up symbol**

The direction of vehicle travel is always up. A red arrow indicates North.